

Heller Ehrman White & McAuliffe LLP
Title: METHODS FOR PRODUCING POLYPEPTIDE-TAGGED
COLLECTIONS AND CAPTURE SYSTEMS

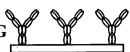
COLLECTIONS AND CAPTORE 3731EMS
Applicants: D. Ault-Riche
Serial No.: 10/699,088
Examiner: unassigned
Our Docket No.: 25885-1754

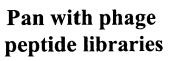


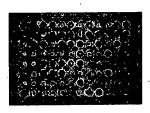


Hybridomas from non-immunized mice

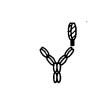












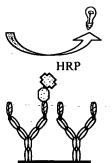
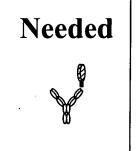




Fig. 1A

REPLACEMENT Sheet 2 of 14
Heller Ehrman White & McAuliffe LLP
Title: METHODS FOR PRODUCING POLYPEPTIDE-TAGGED
COLLECTIONS AND CAPTURE SYSTEMS...
Applicants: D. Ault-Riche. Customer No.: 24961
Serial No.: 10/699,088 Filed: October 30, 2003
Examiner: unassigned
Our Docket No.: 25885-1754



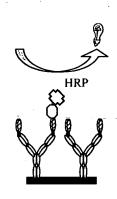
Start with . look for



Immunize mice with designed tags

QQQQQ

Screen with arrayed tags



Functional screen of tagged..... molecule

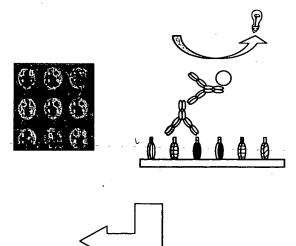
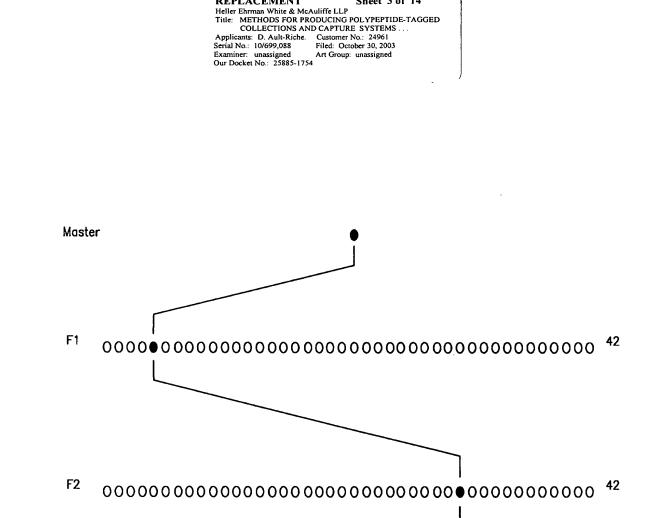


Fig. 1B



Sheet 3 of 14

REPLACEMENT

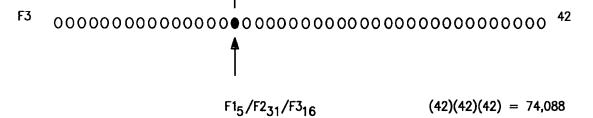


Fig. 2

REPLACEMENT
Heller Ehrman White & McAuliffe LLP
Title: METHODS FOR PRODUCING POLYPEPTIDE-TAGGED
COLLECTIONS AND CAPTURE SYSTEMS
Applicants: D. Ault-Riche.
Strial No.: 10/699,088
Examiner: unassigned
Our Docket No.: 25885-1754

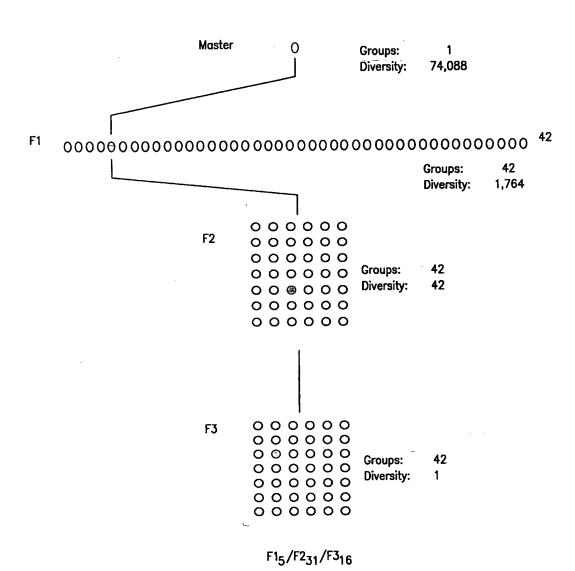


Fig. 3

Master 96-well plate F1 00000000000 00000000000 00000000000 00000000000 00000000000 000000000000 00000000000 00000000000 microarray Libraries **Pools** F2 F1 100 1,000 100 1,000 F2 100 1,000 1,000 microarray 100 F3 F3 100 100 1,000 1,000 108 106 10⁷ 109 **Totals**

REPLACEMENT

Sheet 5 of 14

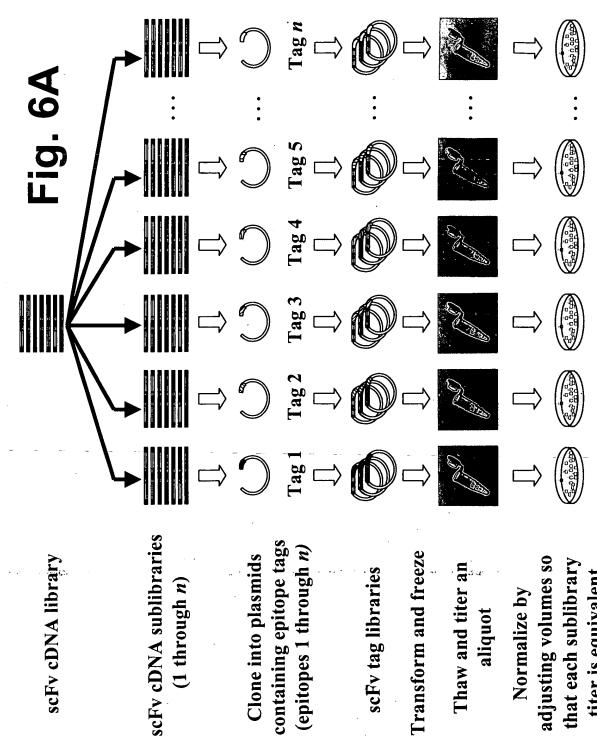
Heller Ehrman White & McAuliffe LLP
Title: METHODS FOR PRODUCING POLYPEPTIDE-TAGGED
COLLECTIONS AND CAPTURE SYSTEMS . . .

Applicants: D. Ault-Riche. Customer No: 24961
Serial No: 10/699,088
Examiner: unassigned
Our Docket No: 25885-1754

Fig. 4

Fig. 5

REPLACEMENT
Heller Ehrman White & McAuliffe LLP
Title: METHODS FOR PRODUCING POLYPEPTIDE-TAGGED
COLLECTIONS AND CAPTURE SYSTEMS...
Applicants: D. Ault-Riche.
Serial No.: 10/699,088
"Industrier: Innassigned Art Group: unassigned
Serial Systems Art Group: unassigned



that each sublibrary

Normalize by

titer is equivalent

Thaw and titer an

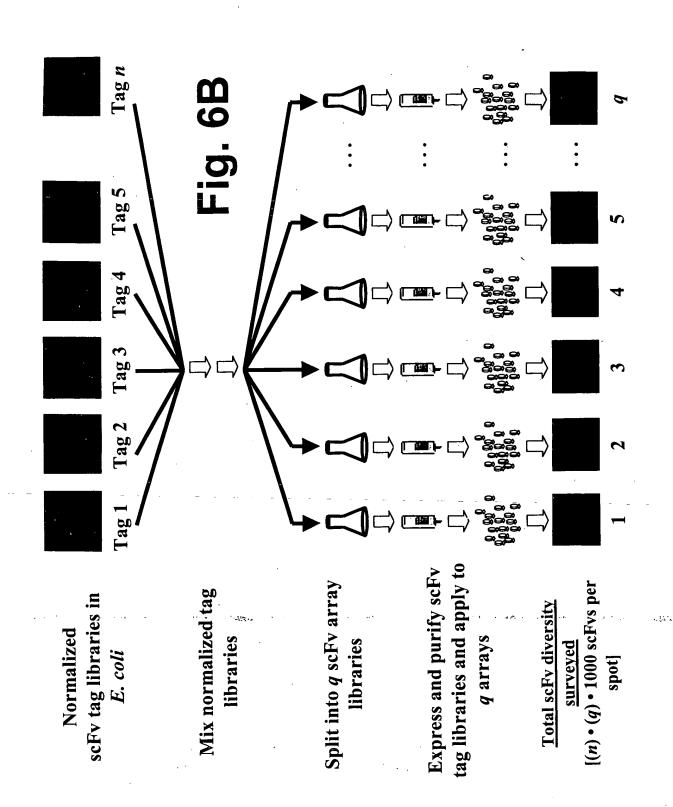
aliquot

scFv tag libraries

scFv cDNA library

(1 through n)

REPLACEMENT
Heller Ehrman White & McAuliffe LLP
Title: METHODS FOR PRODUCING POLYPEPTIDE-TAGGED
COLLECTIONS AND CAPTURE SYSTEMS...
Applicants: D. Ault-Riche.
Customer No.: 24961
Serial No.: 10/699,088
Examiner: unassigned
Our Docket No.: 25885-1754



Sheet 9 of 14

REPLACEMENT

Heller Ehrman White & McAuliffe LLP

Title: METHODS FOR PRODUCING POLYPEPTIDE-TAGGED COLLECTIONS AND CAPTURE SYSTEMS ...

Applicants: D. Auli-Riche. Customer No.: 24961

Serial No.: 10/699,088 Filed: October 30, 2003

Examiner: unassigned Art Group: unassigned

Our Docket No.: 25885-1754

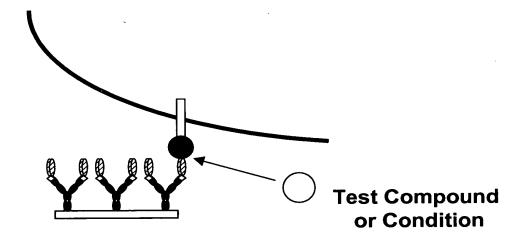


Fig. 7A

Sheet 10 of 14

REPLACEMENT

Heller Éhrman White & McAuliffe LLP

Title: METHODS FOR PRODUCING POLYPEPTIDE-TAGGED

COLLECTIONS AND CAPTURE SYSTEMS ...

Applicants: D. Ault-Riche.
Serial No.: 10/699,088

Examiner: unassigned
Our Docket No.: 25885-1754

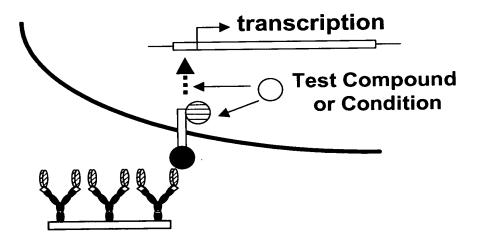


Fig. 7B

REPLACEMENT
Heller Ehrman White & McAuliffe LLP
Title: METHODS FOR PRODUCING POLYPEPTIDE-TAGGED
COLLECTIONS AND CAPTURE SYSTEMS
Applicants: D. Ault-Riche.
Serial No.: 10/699,088
Examiner: unassigned
Our Docket No.: 25885-1754

Sheet 11 of 14
Customer No.: 24961
Serial No.: 10/699,088
Filed: October 30, 2003
Art Group: unassigned
Our Docket No.: 25885-1754

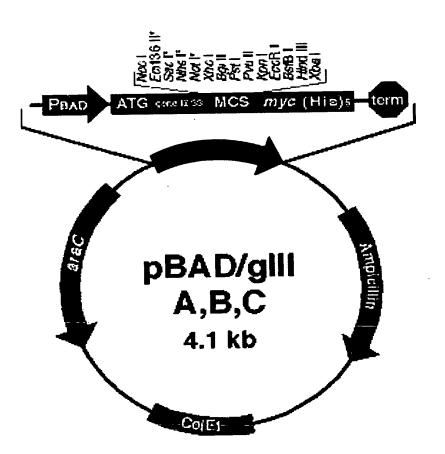


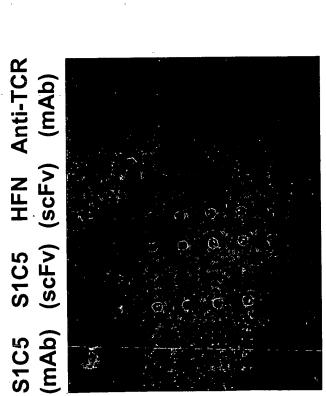
Fig. 8

REPLACEMENT
Heller Ehrman White & McAuliffe LLP
Title: METHODS FOR PRODUCING POLYPEPTIDE-TAGGED
COLLECTIONS AND CAPTURE SYSTEMS...
Applicants: D. Ault-Riche.
Customer No.: 24961
Filed: October 30, 2003
Examiner: unassigned
Our Docket No.: 25885-1754

B Cells (38C13)

T Cells (C6VL)

S1C5 S1C5 HFN Anti-TCR (mAb) (scFv) (scFv) (mAb)



Sheet 13 of 14

REPLACEMENT Sheet 13 of 14

Heller Ehrman White & McAuliffe LLP

Title: METHODS FOR PRODUCING POLYPEPTIDE-TAGGED

COLLECTIONS AND CAPTURE SYSTEMS...

Applicants: D. Ault-Riche. Customer No.: 24961

Serial No.: 10/699,088 Filed: October 30, 2003

Examiner: unassigned

Our Docket No.: 25885-1754

38C13 38C13 **Cell Extract** Receptor

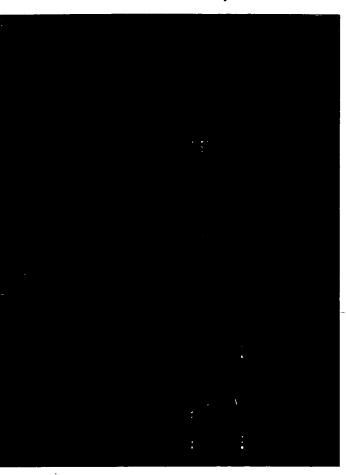


Fig. 10

REPLACEMENT Sheet 14 of 14

Heller Ehrman White & McAuliffe LLP

Title: METHODS FOR PRODUCING POLYPEPTIDE-TAGGED COLLECTIONS AND CAPTURE SYSTEMS

Applicants: D. Ault-Riche. Customer No.: 24961

Serial No.: 10/699,088 Filed: October 30, 2003

Examiner: unassigned Art Group: unassigned

Our Docket No.: 25885-1754

Fig. 11